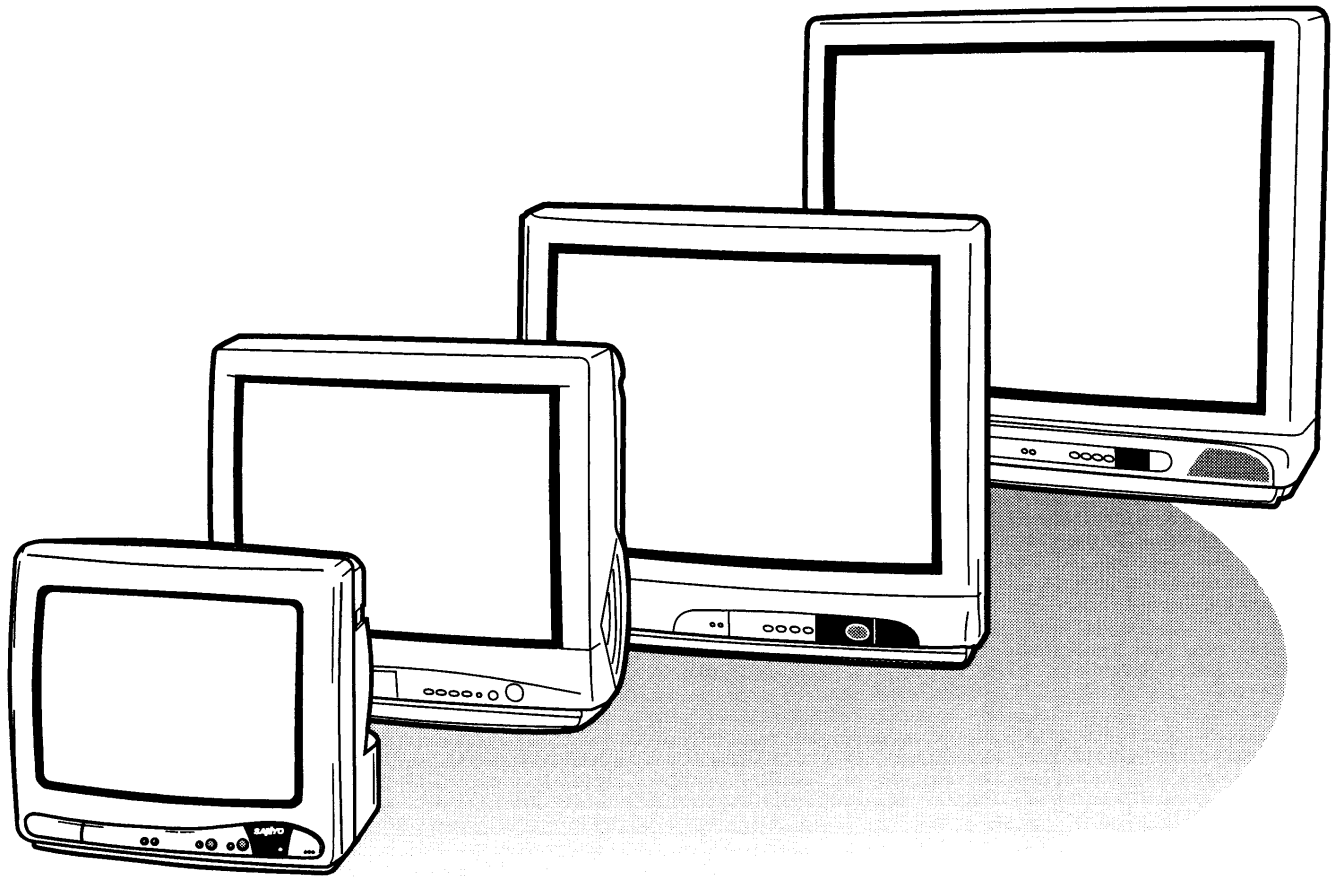
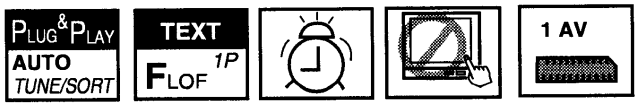
SANYO

# INSTRUCTION MANUAL

**14MT2** (C14EA97B)
**21MT2** (C21ES35B)
**21MT2G** (C21ES35G)
**25MT2** (C25EG98B)
**28MT2** (C28EH75B)

## Colour Television





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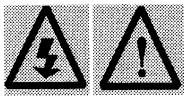
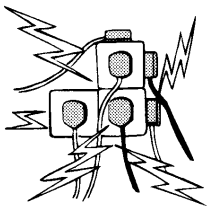
* 21MT2G only

# Safety Precautions

***CAUTION: Please read and retain for your safety.***
This television receiver has been engineered and manufactured to assure your personal safety. But improper use can result in potential electrical shock or fire hazards. In order not to defeat the safeguards incorporated in this receiver observe the following basic rules for its installation, use and servicing.

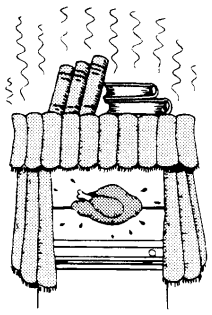
## *INSTALLATION*



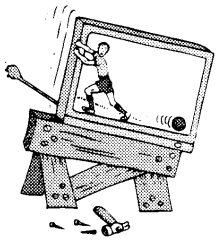


**Do not** allow anything to rest on the power cord.
**Do not** locate this television receiver where the cord will be damaged by people walking on it.

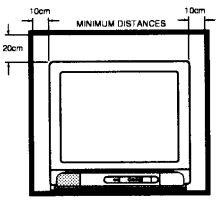
**Do not** overload wall outlets and extension cords as this can result in fire or electric shock.



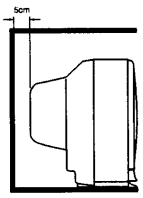
Slots and openings in the cabinet and in the back or bottom are provided for ventilation to ensure reliable operation and to protect it from overheating. These openings **must not** be blocked or covered. The opening should **never** be covered with a cloth or other material, and the bottom openings should not be blocked by placing the television receiver on a bed, sofa, rug, or other similar surface.



This television receiver should **never** be placed near or over a radiator or heater. This television receiver should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided

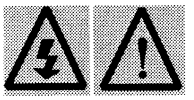


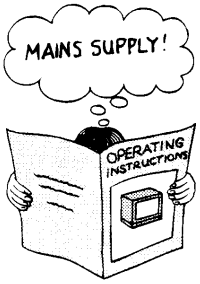

**Do not** place your television receiver on an unstable stand, shelf or table. Serious injury to an individual, and damage to the television may result if it should fall. Your sales person can recommend approved stands or shelf and wall mounting instructions.




If the television is to be built into a compartment or similarly enclosed, the minimum distances **must** be maintained.
Heat build-up can reduce the service life of your television, and can also be dangerous.

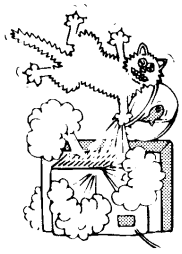
## *USE*



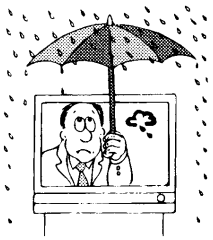



This television receiver should be operated only from the type of power source indicated on the television or as indicated in the Operating Instructions. If you are not sure of the type of power supply in your home, consult your sales person or your local power company.

**Never** add accessories that have not been specifically designed for this television.

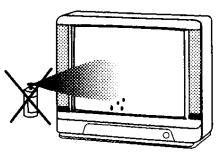


**Do not** drop or push objects into the television cabinet slots or openings. Some internal parts carry hazardous voltages and contact may result in an electrical shock hazard. **Never** spill liquids of any kind on the television receiver.



**Do not** expose the television receiver to rain or use near water. For example, near a bathtub, kitchen sink, in a wet basement, etc. Before cleaning, unplug the television receiver from the wall socket.

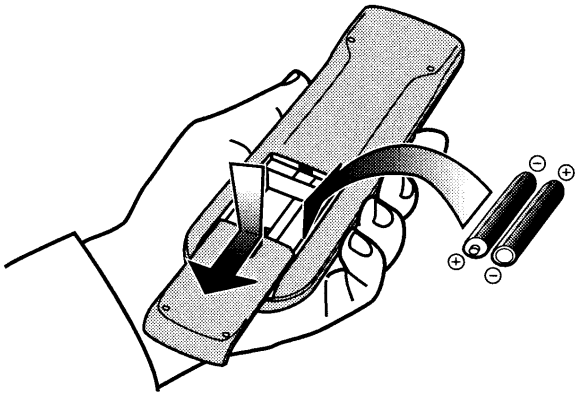
**Never** stand on, lean on or push suddenly the television or its stand. You should pay special attention to children. Serious injury may result if it should fall.

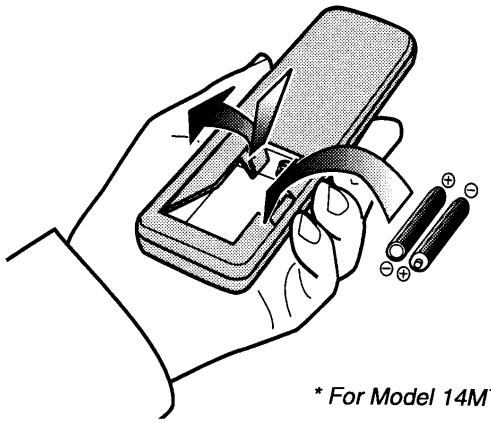


**Do not** apply liquid cleaners or aerosol cleaners directly onto the television receiver. Use a damp cloth for cleaning.

● Battery Installation
● Aerial Connection

# Installation



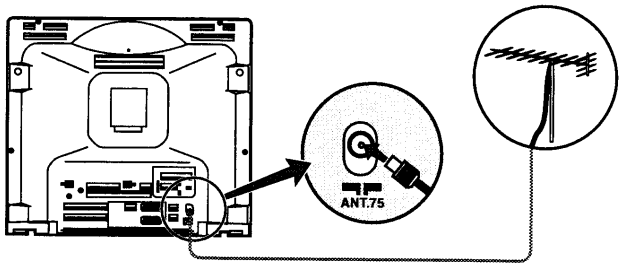


** For Model 14MT2 only*

## Battery Installation

1. Remove the battery cover by sliding it in direction of the arrow.
2. Install two "AA" 1.5 volt batteries so that the "+" and "-" marks on the batteries match the "+" and "-" marks inside the unit.
3. Close the battery cover.

✎ Replace the batteries when the TV set is showing the following symptoms: Operation is unsteady or erratic, sometimes the TV does not work with the transmitter. Discharged batteries may leak and damage the unit. The normal life of batteries should be from nine to ten months.

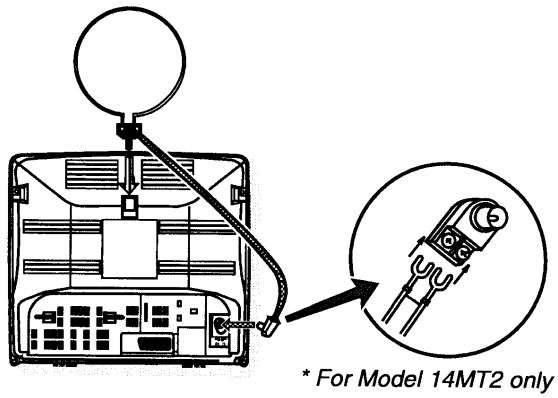



## Aerial Connection

☞ The aerial socket is located on the back of the TV set.

✎ For all aerial problems please consult your local dealer.

✎ For the connection to the peripheral AV equipment, refer to section "Connection of AV equipment" on page 22.



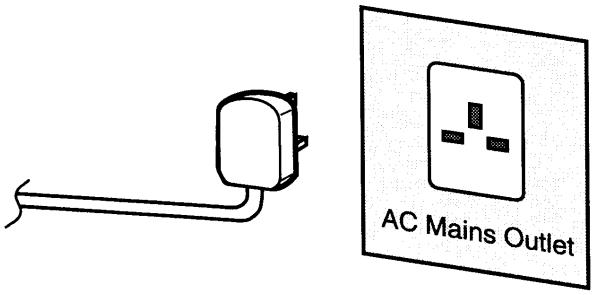
** For Model 14MT2 only*

**■ Loop aerial use (model 14MT2 only)**

☞ Connect the aerial adaptor and the feeder cable. (the aerial adaptor and loop aerial are supplied parts.)

☞ Insert an aerial adaptor tightly into aerial socket on the back of the TV set.

# Installation




## Mains Supply

☞ Connect the power cord of the TV set to a wall outlet.

✎ The TV set is prepared for a mains voltage AC220~240V 50Hz. When the TV set is not to be used for an extended period of time, it is advisable to disconnect the power cord from the power outlet.

**WARNING!**
High voltages are used in the operation of this set. Refer service to qualified service personnel.

**Important:**
This equipment is fitted with an approved non rewireable UK mains plug.
To change a fuse in this type of plug proceed as follows:

1. Remove the fuse cover and fuse.
2. Fix a new fuse which should be a BS1362 5 Amp A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place. If the mains plug contains a fuse, this should have a rating of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.

**Note:** The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

The wires in this mains lead are coloured in accordance with the following code:

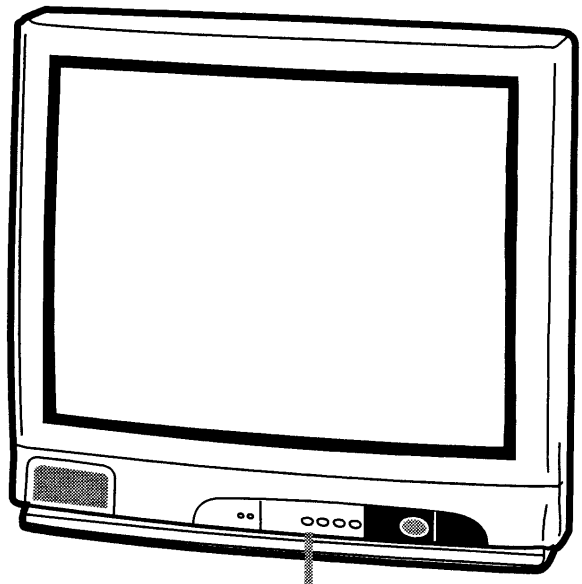
**Blue -------> Neutral**
**Brown ----> Live**

1. The Blue wire must be connected to the terminal which is marked with the letter "N" or coloured BLACK.
2. The Brown wire must be connected to the terminal with the letter "L" or coloured RED.
3. **Do not** connect either wire to the earth terminal in the plug which is marked with the letter "E" or by the earth symbol or coloured GREEN or GREEN and YELLOW.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the wires.

- Controls on TV set
- Controls on Remote Control Handset

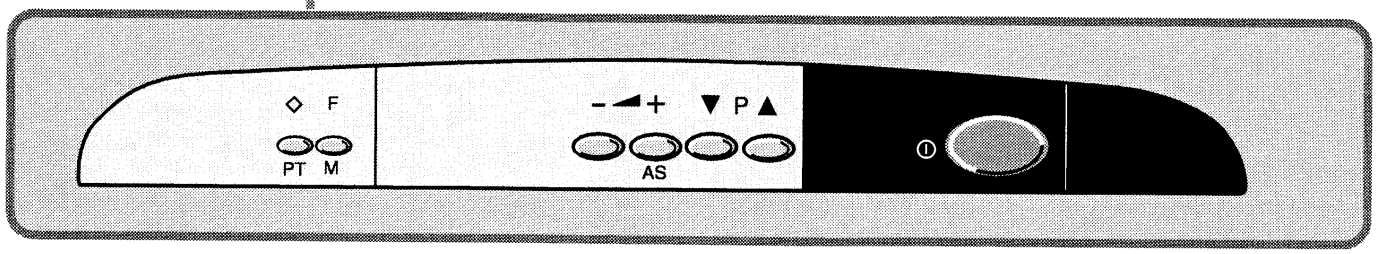
# Installation



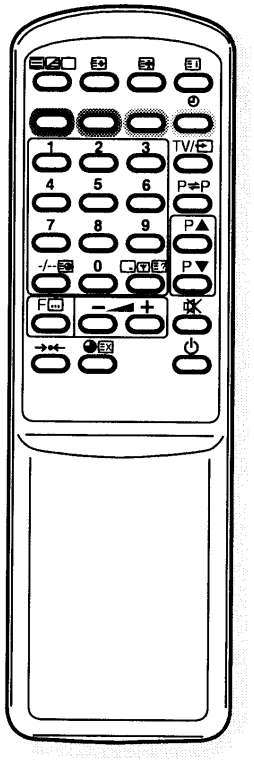
## Controls on TV set

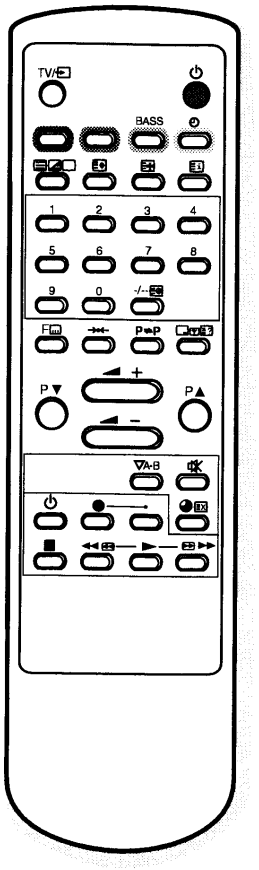
| Symbol | Function |
|---|---|
| ⏻ | Mains On/Off switch |
| P▼ P▲ | Programme down/up |
| -◢ ◢+ | Level down/up |
| F/M | Function/Preset Memory* |
| ◇/PT | Control Memory/Presetting* |

* Models 21MT2 & 21MT2G are not equipped with the F/M and ◇/PT buttons.




14MT2

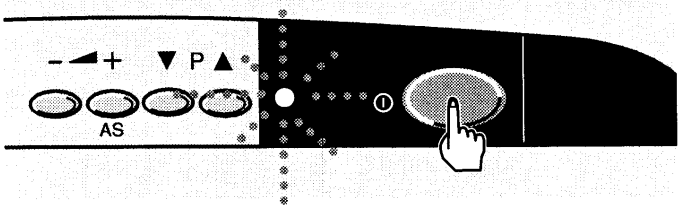





## Controls on Remote Control handset

| Symbol | Function |
|---|---|
| ⏻ | Power on/Standby |
| P▼ P▲ | Programme up/down |
| 0-9 | 0-9 Numeric buttons |
| -/-- | Digit |
| F | Function |
| ◢- ◢+ | Level down/up |
| 🔇 | Sound mute |
| P⇌P | Programme alternation |
| TV/ | TV/AV switch |
| | Text/Mix/TV switch |
| →•← | Normalisation |
| | Time call |
| | Recall |
| ▽A•B | Stereo/Bilingual switch (Not operative) |
| BASS | Bass expander switch (Not operative) |

# Installation




## Switching on your TV

☞ Press the **Mains ON/OFF ⏻ switch** on the front of the TV.
*The power indicator illuminates red to show the power is on.*

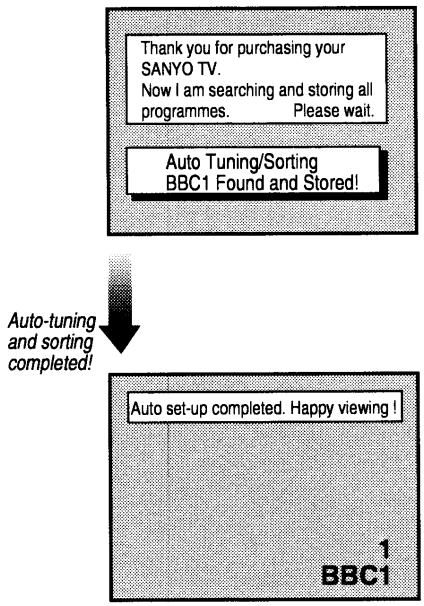
✎ Please make sure that the aerial cable is connected to the aerial socket of the TV set before switching on.

If no picture appears but the power indicator is on, press the ⏻, **P▲**, **P▼**, or **0 - 9 button** as the TV set is in the standby mode.

■ A self-automatic tuning and sorting system will be started as follows;

*The tuning status and welcome messages will appear on the screen.*

*After completing this procedure, the programme position 1 is selected and the ending messages appear on the screen.*


Thank you for purchasing your SANYO TV.
Now I am searching and storing all programmes. Please wait.
Auto Tuning/Sorting
BBC1 Found and Stored!
Auto-tuning and sorting completed!
Auto set-up completed. Happy viewing !
1
BBC1

☞ To make this message disappear, press any of the control buttons.

**Now the installation is completed !**

---

This TV set provides a self-automatic tuning and sorting system function called "Plug & Play". It automatically begins searching, storing and sorting of all available channels when switching on the TV set for first time.

The programme positions 1 to 6 are especially prepared for the following major stations in the UK.

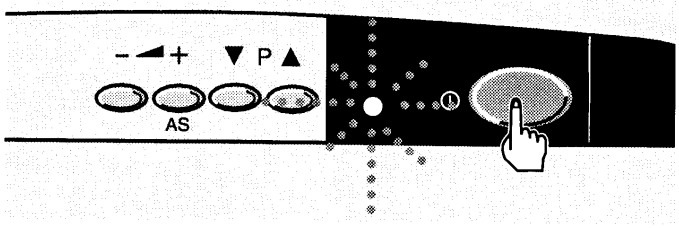
Programme position 1 : BBC1
Programme position 2 : BBC2
Programme position 3 : ITV
Programme position 4 : CH4
Programme position 5 : CH5
Programme position 6 : SKY or BBC(SAT)

*Programme position 6 is preserved for SKY or BBC(SAT) station. If both stations are available in your reception area, the first found station is stored for the programme position 6.*

✎ If any of them are not available in your reception area, some programme positions from 1 to 6 will not have a stored station. The remaining stations will be stored from programme position 7 in sequence as found.
✎ This procedure only appears at the first switch on time.
✎ If additional channels become available (you move to another city or cable is installed), please follow the description "Auto-Presetting" on page 15.

● Mains On/Off
● To switch On/Off with Remote Control Handset

# General Operation



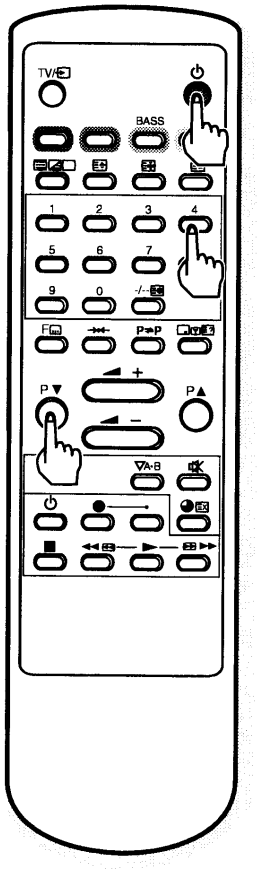

## Mains On/Off

■ To turn the TV set ON, press the **Mains ON/OFF ⏻ switch** on the front of the TV.

*The power indicator illuminates red to show the power is on.*

■ To turn the TV set OFF, press the **Mains ON/OFF ⏻ switch** again.

If no picture appears but the power indicator is on, press the ⏻, **P▲**, **P▼**, or **0 - 9 button** as the TV set is in the standby mode.



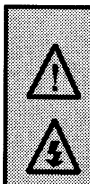

## To switch ON/OFF with Remote Control Handset

■ To switch the TV set into the standby mode, press the ⏻ **button**.

*The red power indicator illuminates more brightly.*

■ To switch the TV set ON from the standby mode, press any of the following buttons;

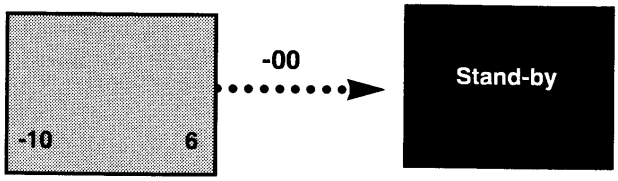
⏻ , **P▲**, **P▼ buttons, 0 - 9 Numeric buttons** .



If you found a power indicator flashing, please turn the TV set off completely with the **Mains ON/OFF ⏻ switch** and contact our service desk. This warning is a sign to let you know that the power protection function of this TV set is now operating.

✎ **Mains ON/OFF ⏻ switch** must be in the ON position before using the remote control handset.

✎ Standby mode is used for switching the TV set off for short periods of time. In standby mode the TV is switched off but is still receiving mains power.



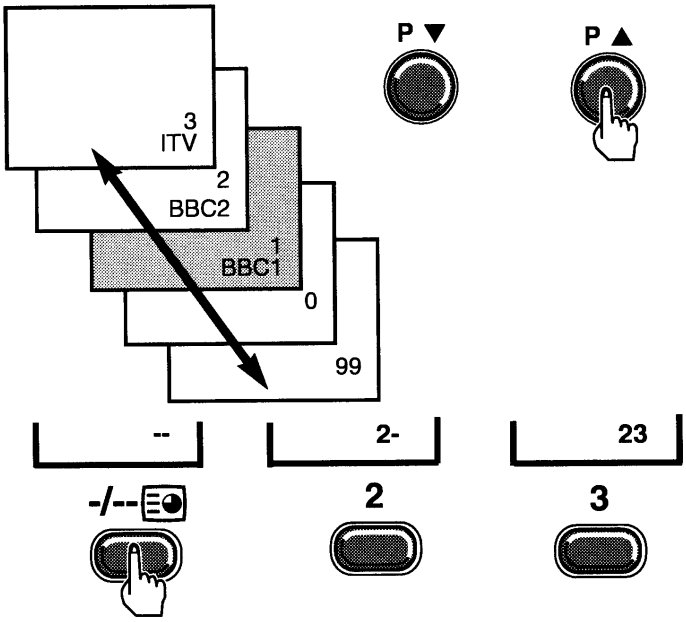

■ **Auto Shut Off**

This TV set will automatically switch into the standby mode, 10 minutes after a signal is no longer received. The time until the set will switch off is displayed on the screen.

✎ If the aerial is removed the TV set will automatically switch into the standby mode after 10 minutes.

✎ When the TV set is switched on by using the On-timer function with no signal being received, the auto-shut off function will be ignored.

# General Operation




## Programme Selection

### ■ Up/Down Programme Selection

Press the **P▲ button** to select the next programme number.
Press the **P▼ button** to select the previous programme number.

### ■ Direct Programme Selection

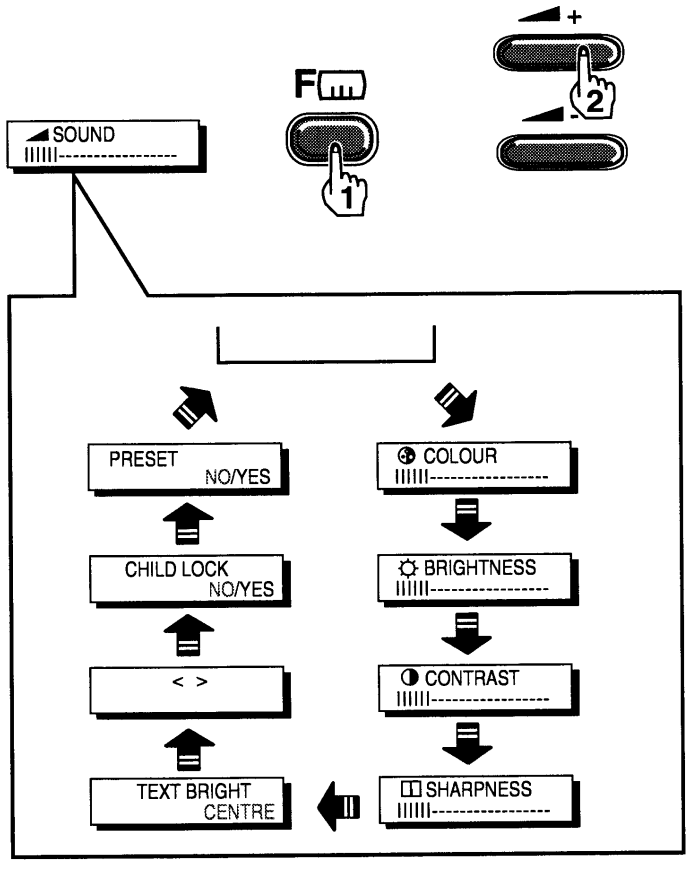
For selection of programme position 0-9, press the corresponding **numeric button(0-9)**.
For selection of programme position 10-99, for example 23, first press the **-/-- button** and press the **2** then **3 numeric button**.

✎ The programme ID(Identification) is displayed together with the programme number on the screen automatically when one of the following major stations in the U.K. is selected, BBC1, BBC2, ITV, CH4, CH5 and SKY or BBC(SAT) stations. Further information, see description Automatic Tuning/Sorting on page 15.

## Function Control

### ■ Sound Volume Control

To adjust the sound volume level, press the ◢+ or -◢ **button**.




### ■ Selection & Adjustment of Controls

Following controls can be selected by using the **F button** and adjusted using the ◢+ or -◢ **button**.

**COLOUR :** To adjust the picture colour.
**BRIGHT :** To adjust the picture brightness.
**CONTRAST :** To adjust the picture contrast.
**SHARPNESS :** To adjust the picture sharpness.
**TEXT BRIGHT** : To select the teletext brightness level of the teletext mode **(see page 18)**.
**< > Fine tuning :** To make fine adjustments to tuning.
**CHILD LOCK** : To lock the control keys on the TV **(see page 10)**
**PRESET NO/YES** : To enter the presetting mode. **(see page 14-16)**

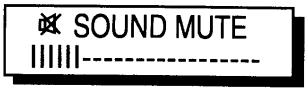
**1** Press the **F** button repeatedly until the desired control appears on the screen.
*The control display changes as illustrated.*

**2** Press the ◢+ or -◢ **button** to adjust the selected control level up or down.

✎ The following functions do not appear in the AV mode, Fine tuning, PRESET NO/YES.

● Sound Mute
● Memory & Normalisation
● Selection of AV mode ● Child Lock

# General Operation

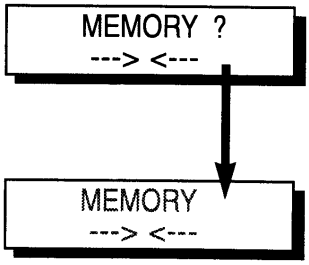


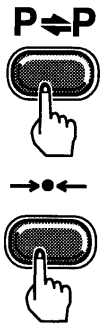
## Sound Mute

Press the 🔇 **button** to switch off the sound from the speakers.

Press the 🔇 **button** again to switch the sound back on.

☞ When the ◢+ or ◢- **button** is pressed, the sound muting will be cancelled.




## Memory & Normalisation

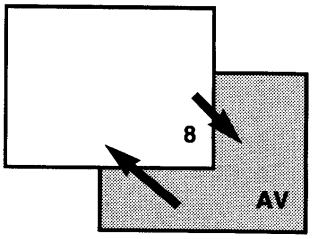
This TV can store and recall the picture and sound control levels into and from a memory .

### ■ Memory

Press the **P⇌P button** while the control display is still on the screen, (apporox 5 seconds), followed by the **→•← button**. This completes the memorisation.

### ■ Normalisation

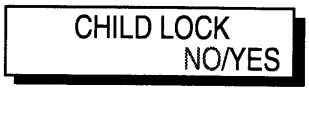
Press the **→•← button** to recall the picture and sound control settings stored in the memory.

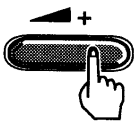



## Selection of AV mode

Most AV equipment will automatically switch to the AV mode (because of the pin 8 function signal) by pressing the PLAY button on your AV equipment.

If not, press the **TV/ button** to select the AV mode manually.






## Child Lock

This TV has a child lock function which can lock the control key operation on the TV set. By this means, you can block unexpected key control on the TV set by children, etc.

**Setting the Child Lock Mode**

Press the **F button** repeatedly until the word "CHILD LOCK" appears on the screen, next select "YES" by pressing the ◢+ or -◢ **button**. Now it is in the child lock mode.

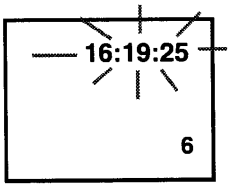
**Cancelling the Child Lock Mode**

Follow the above procedure and you should select "NO" by pressing ◢+ or -◢ **button**.

☞ The setting of child lock mode will be cancelled by switching off the TV set with the **Mains ON/OFF ⏻ switch.**

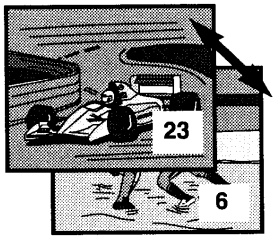
# General Operation

## Other Convenient Functions



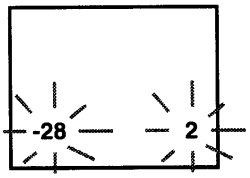
### ■ Time Call

In the TV mode, if the receiving programme has a teletext service when the ◴ **button** is pressed, the present time will be displayed on the screen for about 5 seconds.



### ■ Alternative Programme

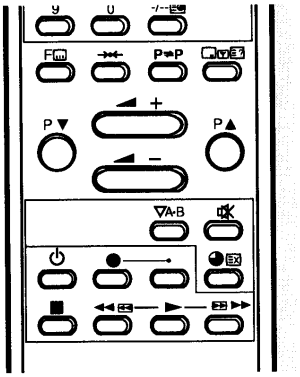
Press the **P⇌P button** to switch back to the previous programme position watched.
Press the **P⇌P button** again to switch back.



### ■ Recall

Press the **button** to display the programme information for about 5 seconds.

## VCR Use



| Symbol | Function |
|---|---|
| ⏻ | Power on/off |
| ▶ | Play |
| ■ | Stop |
| ▶▶ | Fast/Cue |
| ◀◀ | Rewind/Review |
| ●— | Record |

*** For models 21MT2, 21MT2G, 25MT2 and 28MT2**
This remote control transmitter has been designed to be used in conjunction with selected **SANYO VCR's**.
Some SANYO VCR's may have their own functions, so please refer to the individual instruction booklet when using this remote control to ensure compatibility.

**● RECORD:**
Use to record on the tape. Press both of the RECORD buttons at the same time.

**● PLAY:**
Use to playback the tape.

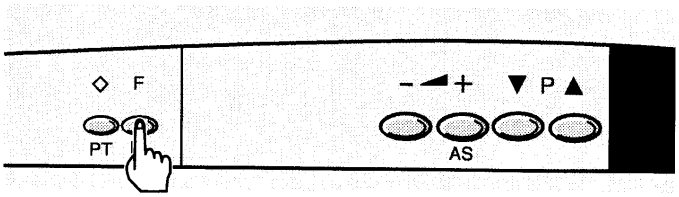
**● STOP :**
Use to stop the movement of the tape.

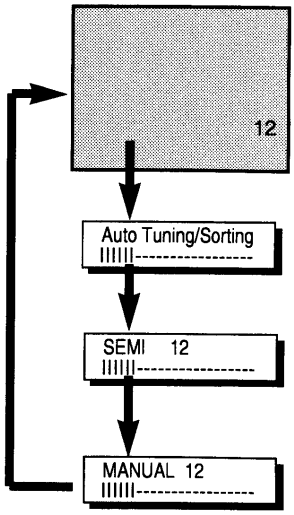
**● FAST/CUE:**
Use to advance the tape at fast speed, or in order to playback the tape at fast speed.

**● REWIND/REVIEW:**
Use to rewind the tape or in order to playback the tape in reverse at fast speed.

**● RECORD:**
Use to record on the tape. Press both of the RECORD buttons at the same time.

# General Operation




## Controls on the TV set

**For models 14MT2, 25MT2, 28MT2**

This TV has been designed to control all of the functions by using the remote control handset. But, if the remote control handset is not near you or does not operate properly because of weak batterries, you can control the following functions by using the control buttons on the TV set.

### ■ Function

When you press the **F/M button** repeatedly, the sound or picture control will be selected. (Same operation of the **F button** on the remote control transmitter.)

### ■ Memory

When you press the **◇/PT button** while the screen display is still on the screen, the current control levels will be stored into the memory.

### ■ Presetting

When you press and hold the **◇/PT button** for more than 2 seconds in the TV mode, the TV set enters to the presetting mode. Press this button repeatedly, the mode changes as illustrated.

### ■ Searching for a station

When you press the **+** or **-** **button** in the preset mode, the TV set will search a station.

### ■ Store a station into the programme position

When you press the **F/M button** in the presetting mode, a tuned station will be stored to the selected programme position.

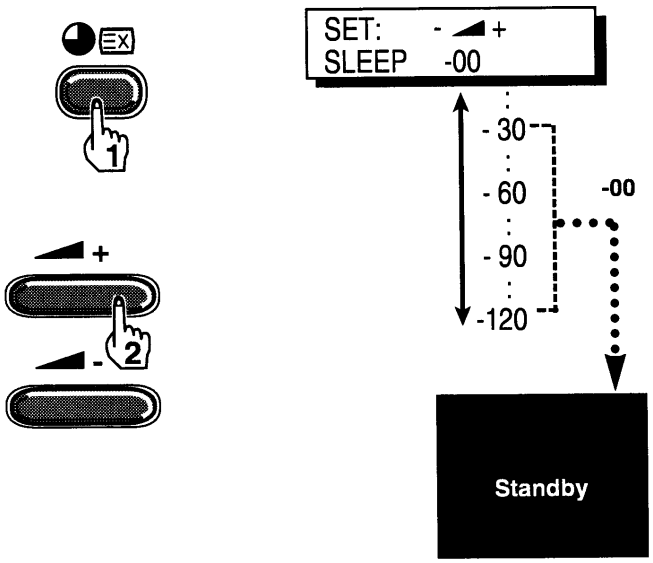
# Timer Setting

**This TV has a timer function which will switch your TV on or off after a preset period of time.**

**Select the following modes by pressing the ◕ button repeatedly.**

■ **Sleep timer setting**
You can select a time period from which the set will switch into the standby mode.

■ **On-timer setting**
You can set a time period from which the set will switch on from the standby mode.



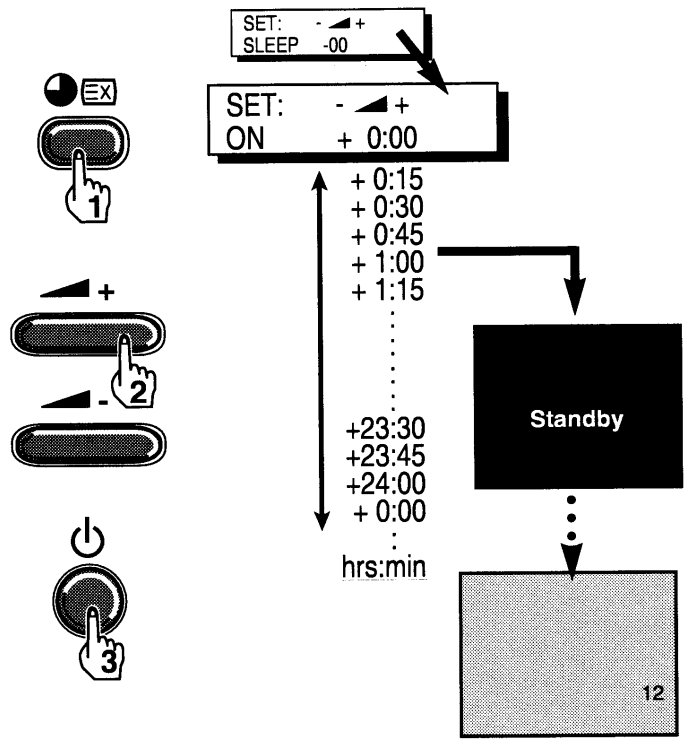

## Sleep Timer Setting

**1** Press the ◕ **button** once. *The words "SET SLEEP" will appear on the screen.*

**2** Set the time period by pressing the +◢ or -◢ **button**. The display changes in 30 minute steps.

If you have set a time, the one minute before the TV switches off the remaining minute automatically appears on the screen.

**To cancel the sleep timer, select "-00" by using the above procedure.**




## On-Timer Setting

**1** Press the ◕ **button** twice. *The word "SET ON" will appear on the screen.*

**2** Set the time period by pressing the +◢ or -◢ **button**.

☞ *If you press +◢ or -◢* ***button,*** *the time changes in 15 minute steps, If you hold down the button it changes more rapidly stepping up or down.*

☞ *The maximum time delay for the TV to switch on, is 24 hours.*

**3** Press the ⏻ **button** to switch into the standby mode.

The TV set automatically switches on when after the time period has elapsed.

**To cancel the on-timer, set to "+ 0:00" by pressing the +◢ or -◢ button or the -/-- button in step 2.**

- The on-screen display will disappear 10 seconds after the last button is pressed.
- The programme position at which the TV set will switch on by using on-timer function is the last watched position.
- When the TV set is switched on by using the on-timer function, the TV set will automatically switch into the standby mode after 2 hours if no key control is input.
- If the TV set is switched off by the **Mains Switch** ⏻ or a power failure occurs while the on-timer or the sleep timer are operating, the timer settings will be cancelled.
- If you want to see the remaining time which you have set, select the sleep or on-timer mode by pressing the ◕ **button**.

● Selection of Presetting Mode

# Presetting

Up to 100 broadcast channels in your reception area can be stored in the electronic memory.
There are three modes of pre-setting channels as follows:

■ **Automatic tuning/sorting**

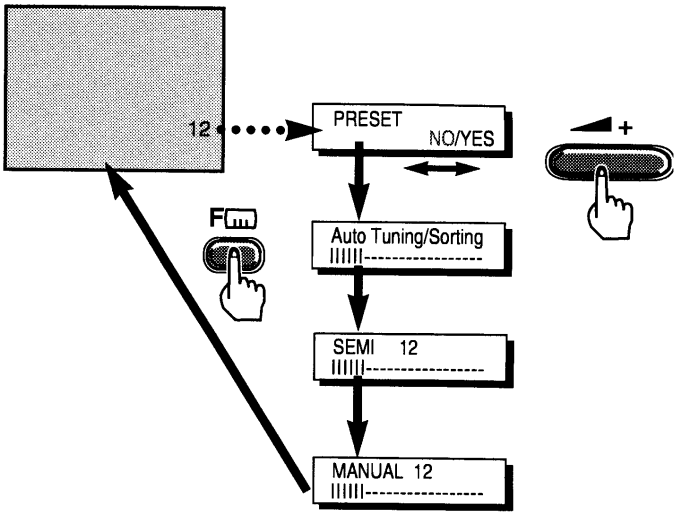
All receivable channels are found and stored automatically, and the specified 6 major stations in the UK are sorted to programme positions 1 to 6.

■ **Semi-automatic presetting**

Used to preset a receivable channel in any desired programme position.

■ **Manual presetting**

Manually tune a channel if it cannot be automatically tuned, such as when the signal is poor.




## Selection of Presetting Mode

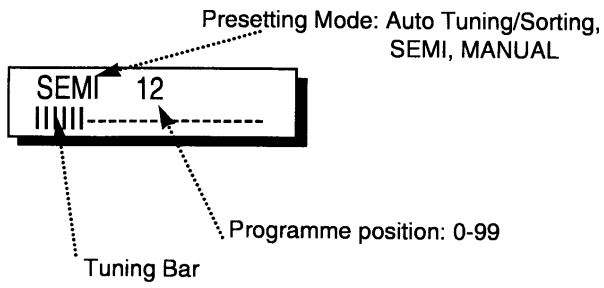
**The presetting of this TV set can be performed by using the control buttons on the remote control handset.**

☞ To select the presetting mode, press the **F button** repeatedly until the word "PRESET NO/YES appears on the screen, next select "YES" by pressing the **+ button**, and then press the **F button**. The presetting mode screen display appears.

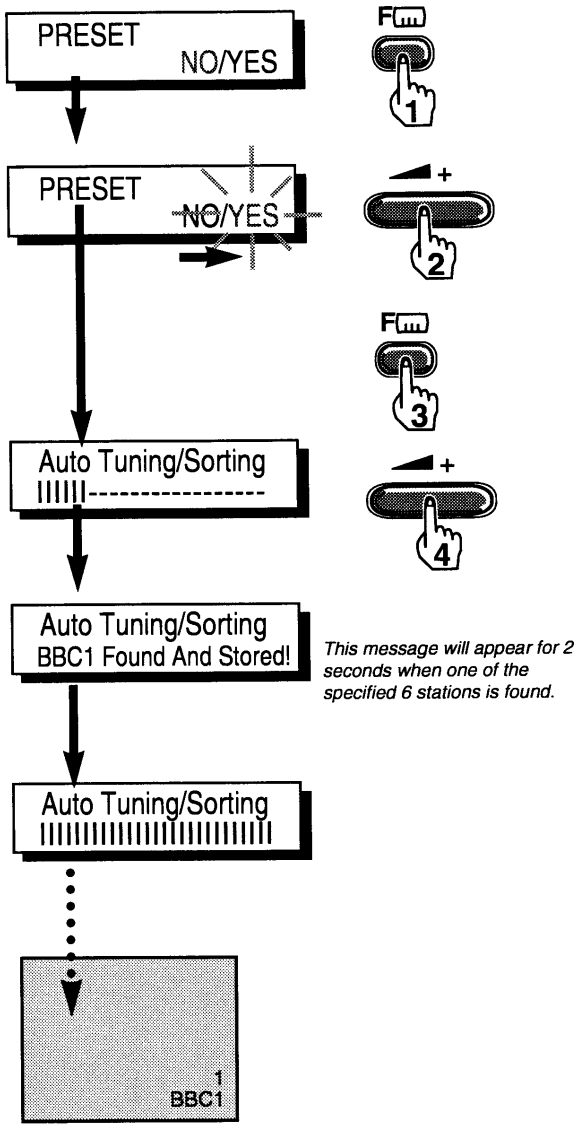
Each time the **F button** is pressed, the tuning mode will change as illustrated.

If you select "YES" but do not press the **F button** within 5 seconds, the mode automatically changes to the normal TV mode.

**On-Screen Display in the Presetting mode**



# Presetting




*This message will appear for 2 seconds when one of the specified 6 stations is found.*

## Automatic Tuning/Sorting

This function automatically finds and stores all the receivable stations. The programme positions 1 to 6 are especially prepared for the following major stations in the UK.

Programme position 1 : BBC1
Programme position 2 : BBC2
Programme position 3 : ITV
Programme position 4 : CH4
Programme position 5 : CH5
Programme position 6 : SKY or BBC(SAT)

*Programme position 6 is reserved for SKY or BBC(SAT) station. If both stations are available in your reception area, the first found station is stored for the programme position 6.*

If any of them are not available in your reception area, some programme positions from 1 to 6 will not have a stored station. The remaining stations will be stored from programme position 7 in sequence as found.

**1** Press the **F button** repeatedly until the word "PRESET NO/YES" appears on the screen.

**2** Select "YES" by pressing the **+ button**.

**3** Press the **F button** once to select the automatic presetting/sorting mode. *The words "Auto Tuning/ Sorting" appears on the screen.*

**4** Press the **+ button** to begin automatic presetting and sorting.

*After all receivable channels have been found and stored, the TV set automatically returns to programme position "1".*

The automatic tuning/sorting operation can be cancelled at any time by pressing the **F button**.

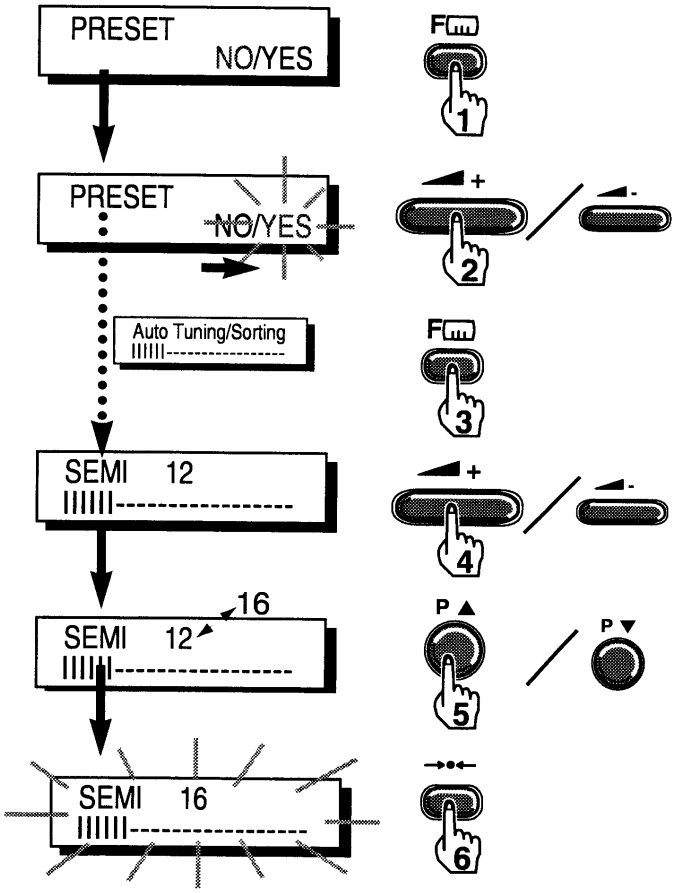
✎ When one of the 6 major stations is selected, the programme ID(Identification) is displayed together with the programme number on the screen automatically for about 5 seconds.

✎ The Programme ID display and the sorting function may not operate properly under the following conditions.
- The reception of a weak signal condition.
- The reception of a station which does not have a teletext service.

✎ You can change the order of stored station, use the channel swapping function, refer to page 17.

● Semi-Automatic Presetting
● Manual Presetting

# Presetting




## Semi-Automatic Presetting

1 Press the **F button** repeatedly until the word "PRESET NO/YES" appears on the screen.

2 Select "YES" by pressing the **+ button**.

3 Press the **F button** twice to select the Semi-automatic presetting mode. *The word "SEMI" appears on the screen.*

4 Press the **+** or **- button**, to begin searching. *When a station is found, searching automatically stops.*

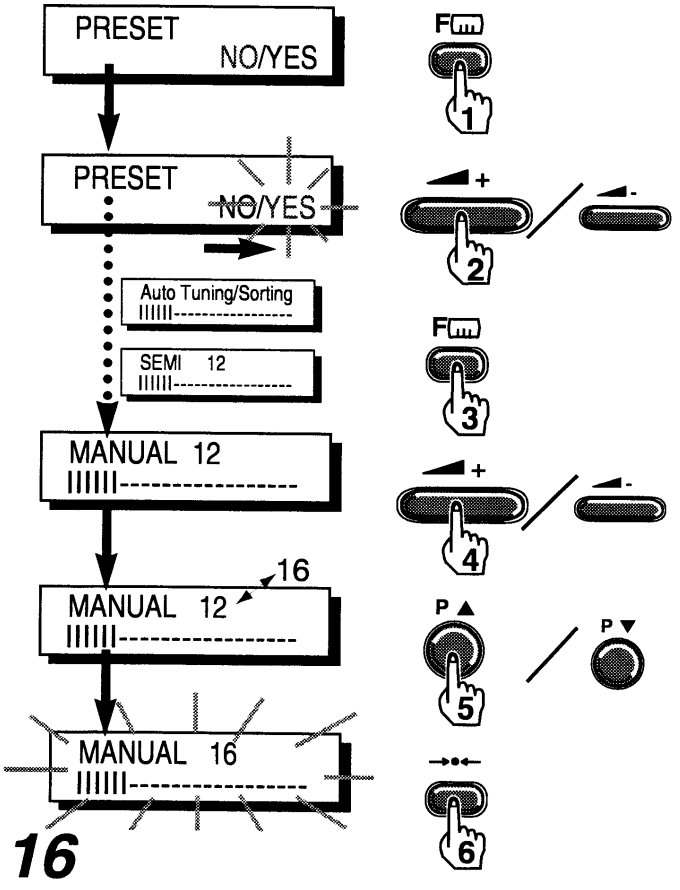
5 Select your desired programme position where you wish the station to be stored using the **P▲** or **P▼ buttons**.

6 Press the **→•← button** to store in the memory.

**Repeat steps 4 to 6 for other desired channels.**

☞ To return to the normal TV mode, press the **F button** twice.

This completes the semi-automatic presetting.




## Manual Presetting

1 Press the **F button** repeatedly until the word "PRESET NO/YES" appears on the screen.

2 Select "YES" by pressing the **+ button**.

3 Press the **F button** three times to select the manual presetting mode. *The word "MANUAL" appears on the screen.*

4 Press and hold the **+** or **- button**, to begin searching. Release the button when a station is found.

5 Select your desired programme position where you wish the station to be stored using the **P▲** or **P▼ buttons**.

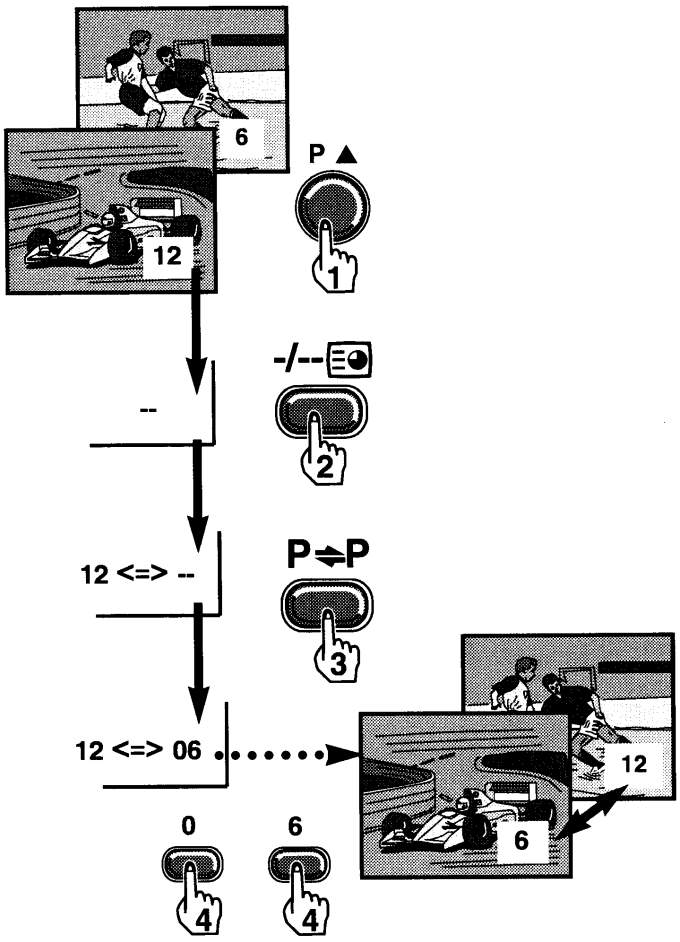
6 Press the **→•← button** to store in the memory.

**Repeat steps 4 to 6 for other desired channels.**

☞ To return to the normal TV mode, press the **F button** once.

This completes the manual presetting.

# Presetting




## Channel Swapping

Use this channel swapping feature to swap the channels between two stored programme positions. This feature is particularly useful after automatic presetting.

**1** Select one of the TV channels you wish to swap by using the **P▲**, **P▼** or using the **(0-9) numeric buttons**.

**2** Press the **-/-- button**. "--" appears on the screen.

**3** Press the **P⇌P button**.
*Channel swapping mode is displayed.*

**4** Enter other programme number by using the **(0-9) numeric buttons** with two digit numbers.

☞ For example,
Selection of programme position 6, first enter **0** and then enter **6**.
Selection of programme position 12, first enter **1** and then enter **2**.

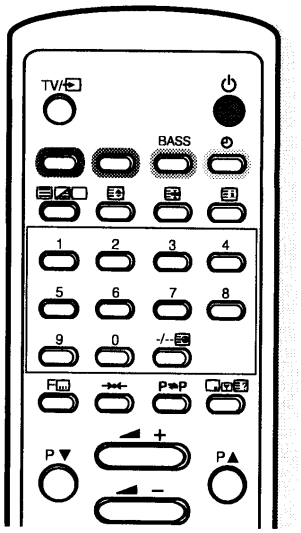
The two TV channels will now have changed places.

**Repeat steps 1 to 4 for all the other TV channels you want to swap.**

The above procedure must be done while the on-screen display is still on the screen.

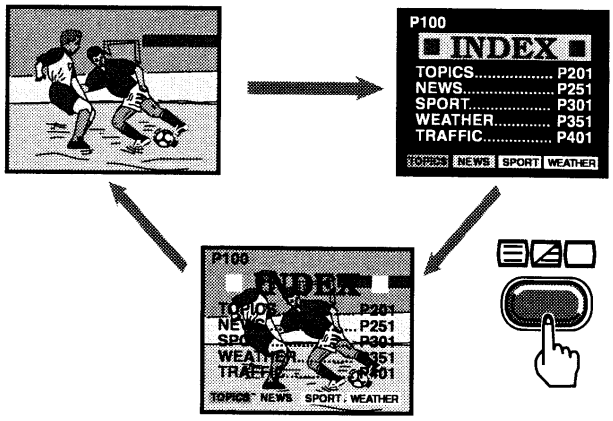
- Teletext Controls
- Switching to the Teletext
- Picture & Sound in Teletext mode

# Teletext




## Teletext Controls

| Symbol | Function |
|---|---|
| | TEXT/MIX/TV switch |
| 0-9 | 0-9 numeric buttons |
| ▼ P ▲ | Page up/down |
| | Index page selection |
| | Hold |
| | Size |
| | Cancel |
| | Sub coded page selection |
| | Reveal |
| | Red |
| | Green |
| | Yellow |
| | Blue |

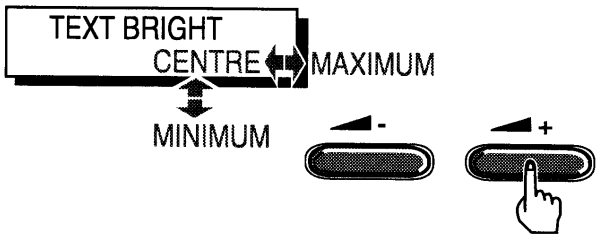



## Switching to the Teletext

Press the **button**, to select teletext.

Press again to select teletext and TV picture.

Press again to return to TV mode.




## Picture & Sound in teletext mode

**■ Picture and Text brightness controls in the teletext mode**

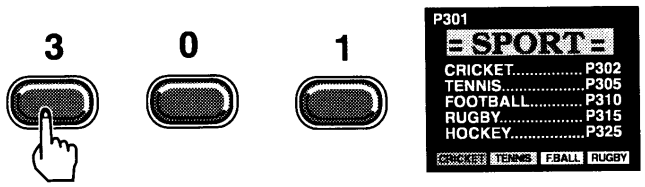
You can not adjust the picture or teletext brightness in the teletext mode. You must first switch back to the TV mode and then adjust the picture control or set the teletext brightness level.

**● How to set the teletext brightness level**

1. Press the **F button** repeatedly in the TV mode until the word "TEXT BRIGHT" appears on the screen.
2. Press the + or - **button** to select one of the 3 teletext brightness levels either MAXIMUM, CENTRE or MINIMUM.
3. Confirm the selected teletext brightness level by switching to the teletext mode by pressing the **button**.

**● Sound control in the teletext mode**

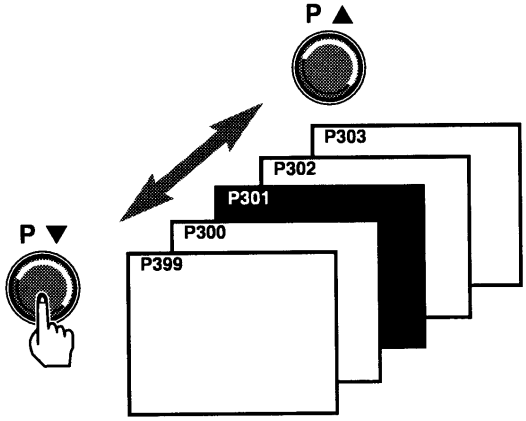
Only sound volume and muting can be controlled in the teletext mode but the on-screen display will not appear.




## Page Selection

### ■ Direct page access

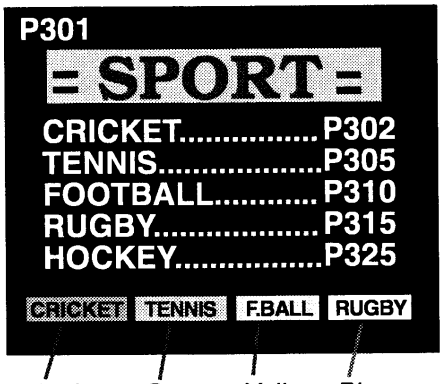
Enter a page number directly using the **0-9 numeric buttons**. eg. To select page 301, press **3** then **0** and then **1**.




### ■ Up/down page access

Press the **P▲** or **P▼ button** to select the next or previous page number.

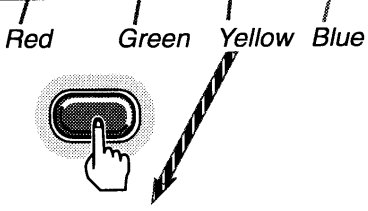
**P▲ : P301 → P302 → P303 .... P399 → P300 ....**
**P▼ : P301 → P300 → P399 → P398 ....P301 ....**




### ■ Coloured button page access

Press one of the **4 coloured buttons** to select the topics shown at the bottom of the text screen.

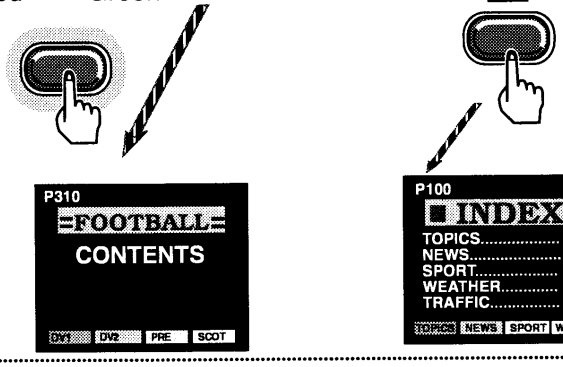
☞ *For example the Red topic can be selected using the **Red button**, the Blue topic by the **Blue button**, and so on forth with the other colours.*




When the teletext service is not transmitting with the FLOF, 4 coloured page numbers will appear at the bottom of the screen instead of the topics.

## Index Page Selection

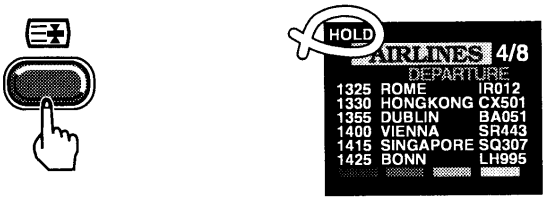
Press the [i] **button** to select one of the teletext index pages.




## Hold

Press the [H] **button** to stop sub pages changing.

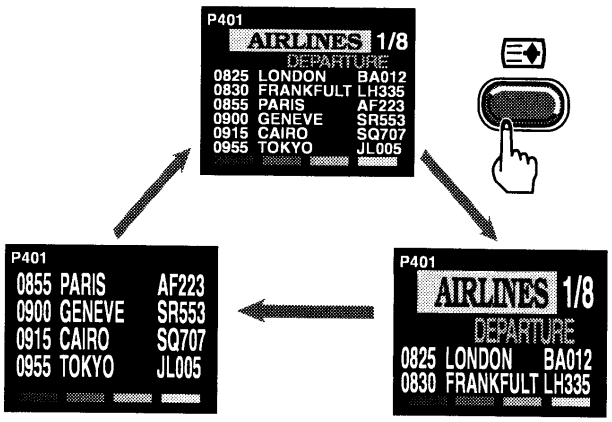
*The word "HOLD" will appear instead of the page number.*




☞ *Some teletext pages are made up of several sub pages. These sub pages are automatically changed. Sub page is shown as P2/4(sub page 2 of 4 pages) the location on the text page depends on the text service.*

- Double Letter Height
- Viewing TV while searching for a page
- Updated Pages

# Teletext

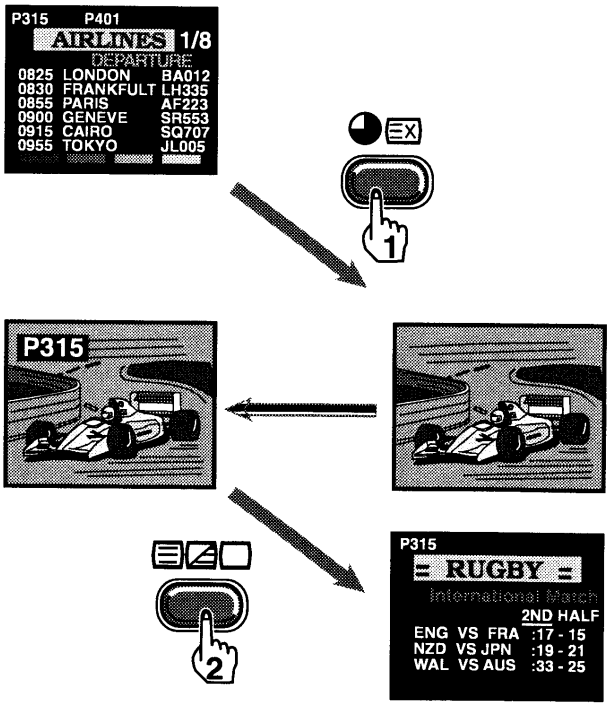



## Double Letter Height

Press the **button** to enlarge the top half of the text page.

Press the **button** again to enlarge the bottom half of the text page.

Press the **button** again to return to the normal size page.




## Viewing TV while searching for a page

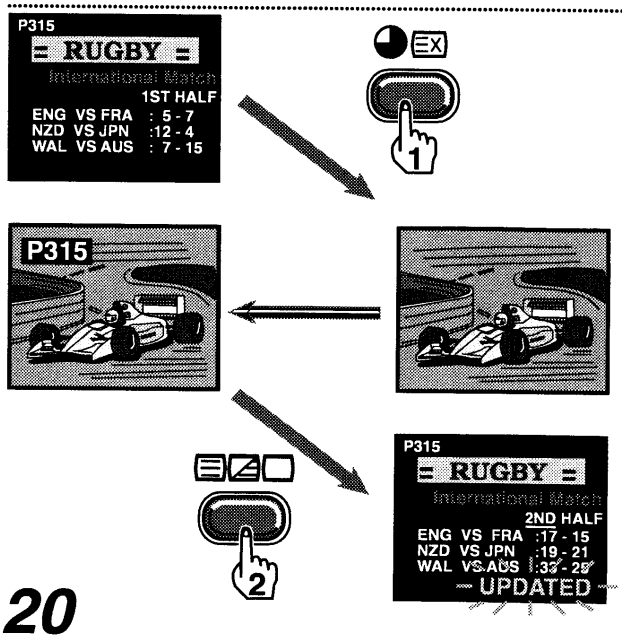
Sometimes the page access can take some time.

While waiting you can view the TV picture by pressing the **button**.

**1** Enter a new page number. Press the **button**.

*When the page is found, the page number will appear over the TV picture.*

**2** Press the **button** to view the page.




## Updated Pages

Some text pages are updated such as latest sports scores or traffic news.

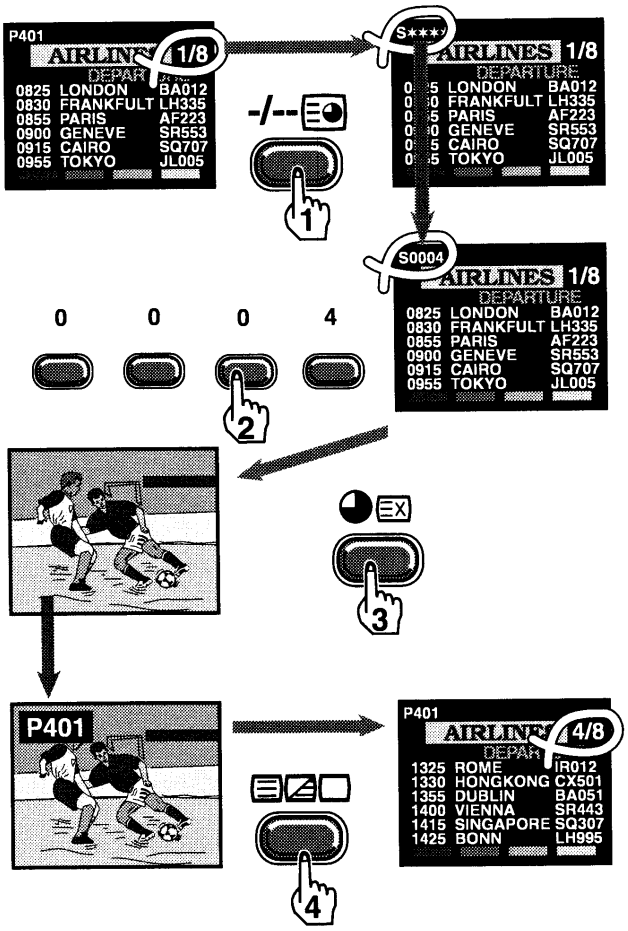
Select a latest page.

**1** Press the **button** to view the TV picture.

*When the page is updated the page number will appear over the normal TV picture.*

**2** Press the **button** to view the updated page.

☞ *If the page has sub pages the number will appear when the sub page is changed.*




## Sub Page Access

With a text page selected which has sub pages, you may wish to read a known sub page number.

**1** Press the button.

"S****" will be displayed instead of the page number.

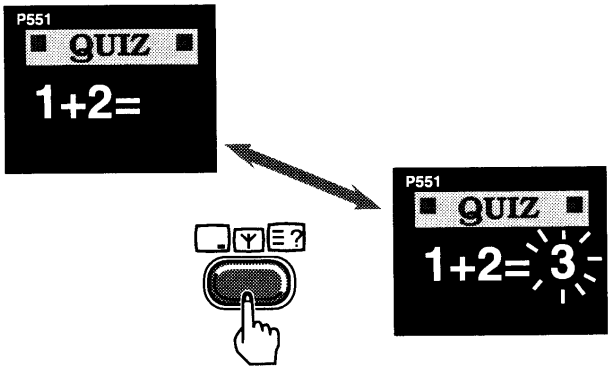
**2** Enter the sub page number by using the **(0-9) buttons**.

☞ For example, to enter the sub page 4, press buttons **0**, **0**, **0** and **4**.

**3** Press the **button** to return the normal TV picture.

*Immediately the correct sub-coded page is reached, the page number will appear on the TV picture.*

**4** Press the **button** to view the sub-coded page.




## Displaying Concealed Information

Press the **button** to reveal hidden items on the text page.

☞ Some pages such as quiz pages have the answers hidden. The button may have to be held to keep the answer on the screen, or pressed again to remove the answers.

### Cancel

When you press the **button,** the TV picture appears on the screen, whilst in this mode you cannot select another TV programme because you are still in the teletext mode. You should first switch back to TV mode by pressing the **button** if required.

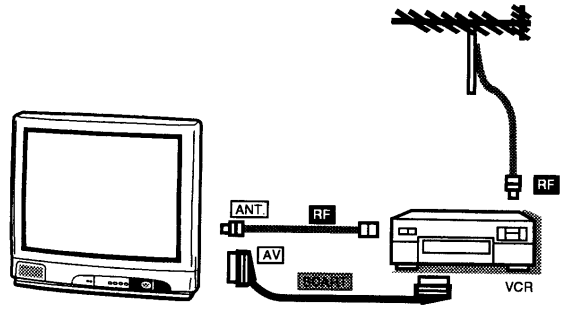
### Teletext reception

If your aerial signal is poor, the teletext reception may be poor.

- Use of a VCR
- Use of a VCR and Satellite Tuner

# Connection of AV equipment

The following are our recommended standard connections for AV equipment. There are various types of connections depending on the equipment which you have or its use. For further information please consult your local dealer.




## Use of a VCR

**CONNECTION**

✔ Connect RF cables. Roof aerial to VCR & VCR to TV.

✔ *Better picture quality can be obtained if you also connect a Scart cable.*

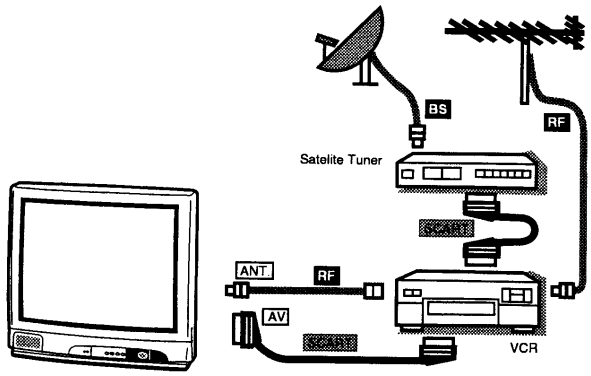
**ABILITY**

✔ Watch TV and cable TV programmes.

✔ Watch the playback from the VCR on position 0 *or when using a Scart cable, it is on AV mode.*

✔ Record TV and cable TV programmes.

☞ *When you connect the VCR to the aerial terminal on the TV using an RF cable, it is advisable to tune the VCR channel to the programme position 0, this is useful position for VCR use.*




## Use of a VCR and Satellite Tuner

**CONNECTION**

✔ Connect RF cables. Roof aerial to VCR & VCR to TV, Dish aerial to satellite tuner.

✔ Connect Scart cables. AV to VCR & VCR to satellite tuner.

**ABILITY**

✔ Watch TV programmes.

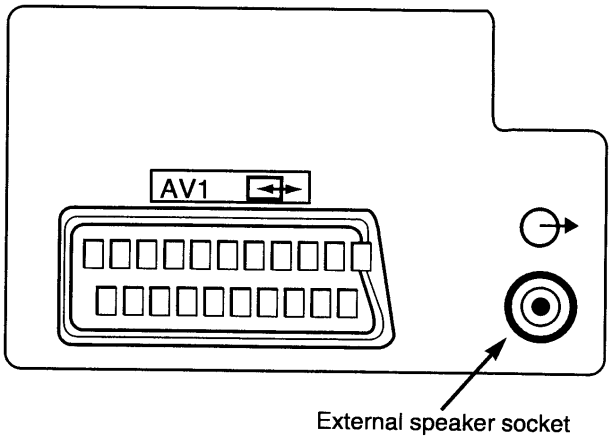
✔ Watch satellite programmes on AV mode.

✔ Watch the playback from the VCR on AV mode.

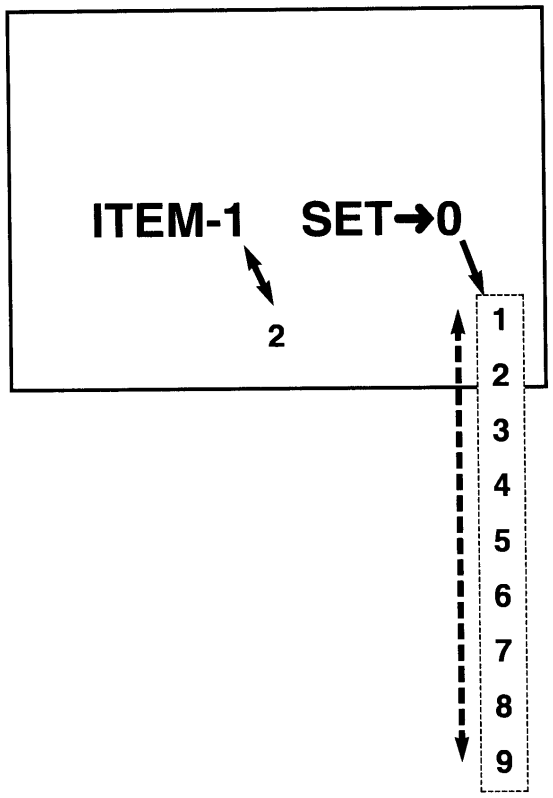
✔ Record TV and satellite programmes.

## External Speaker Socket (21MT2G only)

Model 21MT2G has an external speaker socket. The TV speaker is automatically cut off when an RCA plug is inserted in the External speaker socket.



# Special Function




**This TV set allows you to set up the following special functions.**

**■ Maximum volume setting and prohibition of presetting**

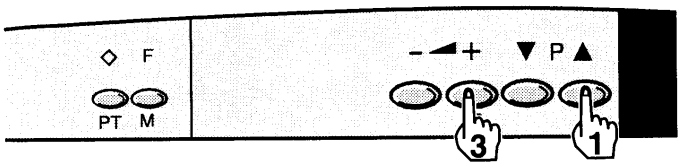
**ITEM-1**
Sets the current volume as the maximum volume level and prohibition of presetting.

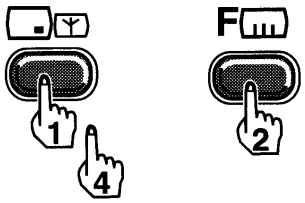
**SET→ 0** NO
SET→ 1 YES

**■ Start up programme position**

**ITEM-2**
Presets the programme position when the set is switched on.

**SET→ 0** Last programme position start
SET→ 1 Programme position "1" start
SET→ 2 Programme position "2" start
SET→ 3 Programme position "3" start
SET→ 4 Programme position "4" start
SET→ 5 Programme position "5" start
SET→ 6 Programme position "6" start
SET→ 7 Programme position "7" start
SET→ 8 Programme position "8" start
SET→ 9 "AV" start




**SETTING PROCEDURE**

**1** Press and hold the **button** on the **Remote control handset** and then press the **P▲ button** on the **TV set**.

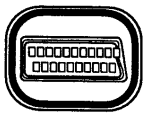
**2** To select the "ITEM" number, press the **F button** on the **remote control handset**.

**3** To select the "SET" number, press the + or - **button** repeatedly.

**4** To return to the normal TV mode, press the **button**.

✎ The setting conditions of all items can be confirmed.

✎ Special functions are not cancelled if the TV set is switched off or the mains disconnected.



- TV Specification
- Scart Specification

# Specification

## TV Specification

| | Common Specification | | | | |
|---|---|---|---|---|---|
| Power source | AC 220~240V 50Hz | | | | |
| Television system | System I | | | | |
| Colour system | PAL | | | | |
| Receiving channel | UHF: 21-69 | | | | |
| Aerial input impedance | 75ohm | | | | |
| AV terminal | | | | | |
| 21-Pin Terminal | AV: CENELEC Standard | | | | |
| | **14MT2** | **21MT2** | **21MT2G** | **25MT2** | **28MT2** |
| Sound output (music)(watts) | 2.5 | 5 | 5 | 5 | 5 |
| External Speaker socket | n/a | n/a | RCA terminal | n/a | n/a |
| Picture tube (Diagonal)(cm) | 37 | 55 | 55 | 63 | 70 |
| (Visible picture diagonal) (cm) | 34 | 51 | 51 | 59 | 66 |
| Dimensions (W x H x D mm ) | 370 x 335 x 391.5 | 521 x 465 x 481 | 521 x 465 x 481 | 584 x 534 x 447 | 628 x 567 x 469 |
| Weight (kg) | 9.0 | 19.0 | 19.0 | 24.5 | 30.4 |

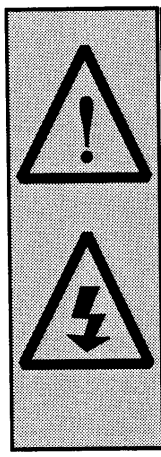
*Specifications subject to change without notice.*

## Scart Specification

**The specification of the Scart sockets are as follows.**

| **AV Terminal** | |
|---|---|
| Pin 1 Audio output | 0.5V/ 1 K ohm |
| Pin 2 Audio Input | 0.5V/10 K ohm |
| Pin 3 Audio output | 0.5V/ 1 K ohm |
| Pin 4 Audio earth | |
| Pin 5 Earth (blue) | |
| Pin 6 Audio Input | 0.5V/10 K ohm |
| Pin 7 Blue (B) input | 0.7Vpp/75 ohm |
| Pin 8 Remote switch input | L:0-2V<br>H:10-12V |
| Pin 9 Earth (green) | |
| Pin 10 | |
| Pin 11 Green (G) input | 0.7Vpp/75 ohm |
| Pin 12 | |
| Pin 13 Earth (red) | |
| Pin 14 Earth | |
| Pin 15 Red (R) | 0.7Vpp/75 ohm |
| Pin 16 Fast blanking | L:0-0.4V<br>H:1-3V |
| Pin 17 Earth(video) | |
| Pin 18 Earth | |
| Pin 19 Video output | 1 Vpp/75 ohm |
| Pin 20 Video/sync. | 1 Vpp/75 ohm |
| Pin 21 Connector shield | |

# Servicing



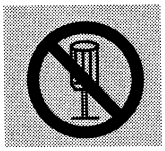
**Your television is fully transistorised and does not contain any user serviceable components.**

**Removal of the cabinet cover may expose you to dangerous voltages. Refer all servicing to qualified service personnel.**

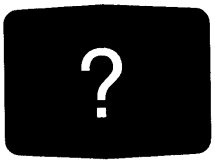
**Unplug the television receiver from the wall outlet and refer servicing to qualified service personnel under the following conditions:**

- If the power cord or plug is damaged.
- If liquid has been spilled into the television receiver.
- If television receiver has been exposed to rain or water.
- If the television receiver has been dropped or the cabinet has been damaged.
- If the television receiver exhibits a distinct change in performance.
- If the television receiver does not operate normally by following the operating instructions.
  Adjust only those controls that are covered in the operating instructions as improper adjustment of other controls may result in damage. This will often require extensive work by a qualified technician to restore the television receiver to normal operation.

When replacement parts are required, have the service technician verify that the replacements he uses have the same safety characteristics as the original parts. Use of manufacturers specified replacements can prevent fire, shock or other hazards.



# Helpful Hints

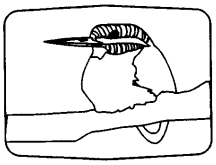



**■ NO PICTURE, NO SOUND**

- Check if TV is plugged in.
- Try a different channel, if OK, probably station trouble.

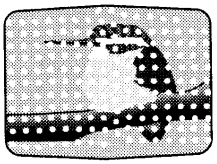
**■ POOR PICTURE, SOUND OK**

- Adjust BRIGHTNESS control.
- Adjust FINE TUNING control.
- Check aerial connections



**■ NO COLOUR, PICTURE OK**

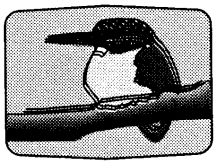
- Adjust COLOUR control.
- Adjust FINE TUNING control.
- Is the programme in colour ?



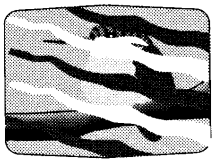
**■ WEAK PICTURE**

- Check aerial connections on back of set.
- Check aerial for broken wires.
- Re-orient aerial.

**■ The following faults are not caused by the receiver:**



**"GHOSTS"**
Reflections of signals from mountains or high buildings will cause multiple images, called "Ghosts". These abnormal conditions can be reduced to minimum by repositioning aerial or by installing a new one suited for your area.



**"INTERFERENCE"**
Interference may be caused by electrical appliances, car ignition systems, etc. This should normally be a temporary condition, but should this interference persist, contact your dealer.

# Warranty to Customer

Sanyo U.K. Sales Ltd. (the company) warrants to the initial retail purchaser that if this equipment is or becomes defective and that, in the opinion of the Company, the defect is due to faulty material or workmanship the Company will, for a period of 12 calendar months from the date of sale to the original purchaser repair or replace, at its sole option, free of charge, any such defective component part of the equipment, always provided that:-

1:The equipment has at all times been used in accordance with the operating instructions issued by the Company, and has not been connected to an electrical mains supply for which it has not been adjusted.

2:Accidental damage or damage caused by negligence of misuse by the user, is specifically excluded.

3:Unauthorised repairs, or any modification to the equipment which has not been expressly approved by the Company, shall render this warranty null and void.

4:Failure due to fair wear and tear of any item is specifically excluded.

This warranty is not transferable and is only applicable within the United Kingdom (and the Republic of Ireland).

Nothing in this express warranty affects the statutory rights available to the purchaser of this equipment.

Note: This warranty supersedes any other form of guarantee that may inadvertently have been enclosed with or attached to the product.

***Dear Customer.***

Thank you for buying *SANYO*. This equipment should give you many years of pleasure and faithful service but in the event that a fault occurs, the following notes for you guidance may be helpful:-

1:PLEASE RETAIN YOUR PURCHASE RECEIPT WHICH WILL BE REQUIRED FOR SERVICE DURING WARRANTY.

2:If your Sanyo equipment proves faulty during the period of guarantee, take it or send it back to the dealer who originally supplied it together with this guarantee and the proof of purchase. We have made arrangements with our approved dealers under which they will carry out inguarantee service repairs on our behalf. In this way, we hope to reduce to a minimum the amount of time you will be without your equipment.

3:If for some reason it is impossible to return the equipment to the original supplier, please contact our Service Department at the address below for further advice.

4:Should the equipment require servicing after the expiry of the guarantee period, take or send it to the original supplier or any other Sanyo dealer. He will be pleased to give you a quotation for the repair.

Service Departments,
Sanyo U.K. Sales Ltd.,
Sanyo House,
Otterspool Way,
Watford, Hertfordshire WD28JX
Tel: 01923 246363

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